Docket No. 00-062-DSK

ABSTRACT OF THE DISCLOSURE

DYNAMICALLY CHANGEABLE VIRTUAL MAPPING SCHEME

5   A system is provided to support dynamically changeable virtual mapping schemes in a data processing system.   The present invention separates processing of data unit requirements from the selection of which storage subsystems to use for storage by using a storage

10   methodologies inventory. A stored data management subsystem contains one or more hosts. A plurality of data storage elements is functionally coupled to the one or more hosts. The plurality of data storage elements is organized using a plurality of layers of mapping tables.

15   The plurality of layers of mapping tables provides unique identification of location of the data such that individual data entries in a mapping table is variable and self-defining with respect to the amount of data managed.

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